GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: October 20, 2005, 07:01:25 ; Search time 42 Seconds
(without alignments)
26.660 Million cell updates/sec

Title: US-10-679-081-2
Perfect score: 87
Sequence: 1 FKADEKKFWGKYLYE 15

Scoring table: BLOSUM62
                Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 7464064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :   Issued Patents AA:*
             1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
             2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
             3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
             4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
             5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
             6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	87	100.0	18	3	US-08-477-928A-11	Sequence 11, Appl
2	87	100.0	582	1	US-08-134-638-1	Sequence 1, Appli
3	87	100.0	583	1	US-08-448-196A-4	Sequence 4, Appli
4	87	100.0	583	1	US-08-448-196A-6	Sequence 6, Appli
5	81	93.1	18	3	US-08-477-928A-12	Sequence 12, Appl
6	75	86.2	14	3	US-08-477-928A-42	Sequence 42, Appl
7	59	67.8	12	3	US-08-477-928A-15	Sequence 15, Appl
8	56	64.4	12	3	US-08-477-928A-13	Sequence 13, Appl
9	53	60.9	10	3	US-08-477-928A-16	Sequence 16, Appl
10	53	60.9	583	1	US-08-448-196A-5	Sequence 5, Appl
11	45	51.7	233	4	US-09-599-160B-85	Sequence 85, Appl
12	44	50.6	59	4	US-09-663-600A-182	Sequence 182, App
13	44	50.6	63	4	US-09-663-600A-88	Sequence 88, Appl
14	41	47.1	311	4	US-09-107-532A-4970	Sequence 4970, Ap
15	40	46.0	332	4	US-09-107-532A-7060	Sequence 7060, Ap
16	40	46.0	376	4	US-09-134-000C-6024	Sequence 6024, Ap
17	40	46.0	391	4	US-09-134-000C-6210	Sequence 6210, Ap
18	40	46.0	590	1	US-08-448-196A-9	Sequence 9, Appli
19	39	44.8	156	4	US-09-270-767-40593	Sequence 40593, A
20	39	44.8	156	4	US-09-270-767-55809	Sequence 55809, A
21	39	44.8	168	2	US-08-667-023-2	Sequence 2, Appli
22	39	44.8	168	2	US-08-713-825-3	Sequence 3, Appli
23	39	44.8	168	4	US-09-199-842-3	Sequence 3, Appli
24	39	44.8	168	4	US-09-460-532-3	Sequence 3, Appli
25	39	44.8	223	2	US-08-869-793-6	Sequence 6, Appli
26	39	44.8	226	4	US-09-134-000C-5879	Sequence 5879, Ap
27	39	44.8	226	4	US-09-270-767-44619	Sequence 44619, A
28	39	44.8	340	4	US-09-902-540-11410	Sequence 11410, A
29	39	44.8	481	4	US-09-949-016-6826	Sequence 6826, Ap
30	39	44.8	486	4	US-09-949-016-8176	Sequence 8176, Ap
31	39	44.8	509	3	US-08-845-546-2	Sequence 2, Appli
32	39	44.8	517	1	US-08-190-802A-30	Sequence 30, Appl
33	39	44.8	517	3	US-08-477-346-30	Sequence 30, Appl
34	39	44.8	517	4	US-08-473-089-30	Sequence 30, Appl
35	39	44.8	517	4	US-08-487-072A-30	Sequence 30, Appl
36	39	44.8	569	4	US-08-832-161-18	Sequence 18, Appl
37	39	44.8	569	4	US-09-385-219A-2	Sequence 2, Appli
38	39	44.8	569	1	US-09-601-168B-2	Sequence 2, Appli
39	39	44.8	585	1	US-08-153-799-14	Sequence 14, Appl
40	39	44.8	585	1	US-08-448-196A-3	Sequence 3, Appli
41	39	44.8	585	1	US-08-984-176-1	Sequence 1, Appli
42	39	44.8	585	2	US-08-702-572-2	Sequence 2, Appli
43	39	44.8	585	3	US-08-769-746-2	Sequence 2, Appli
44	39	44.8	609	3	US-08-222-619-3	Sequence 3, Appli
45	39	44.8	609	1	US-08-433-037-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-477-928A-11
; Sequence 11, Application US/08477928A
; Patent No. 6207389
; GENERAL INFORMATION:
;   APPLICANT: Dosch, Hans M.
;   TITLE OF INVENTION: METHODS FOR CONTROLLING T
;   TITLE OF INVENTION: LYMPHOCYTE MEDIATED IMMUNE RESPONSES
;   NUMBER OF SEQUENCES: 49
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: BAKER & BOTTS
;   STREET: 1299 Pennsylvania Avenue
;   CITY: Washington D.C.
;   STATE: California
;   COUNTRY: U.S.A.
;   ZIP: 20004-2400
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/477,928A
;   FILING DATE: 07-JUN-1995
;   CLASSIFICATION: 536
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Remenick, James
;   REGISTRATION NUMBER: 36902
;   REFERENCE/DOCKET NUMBER: 19060-0105
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (202) 639.7700
;   TELEFAX: (202) 639.7890
; INFORMATION FOR SEQ ID NO: 11:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: peptide
US-08-477-928A-11

Query Match   100.0%; Score 87; DB 3; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.5e-08;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 FKADEKKFWGKYLYE 15
          |||||||||||||||
Db   1 FKADEKKFWGKYLYE 15